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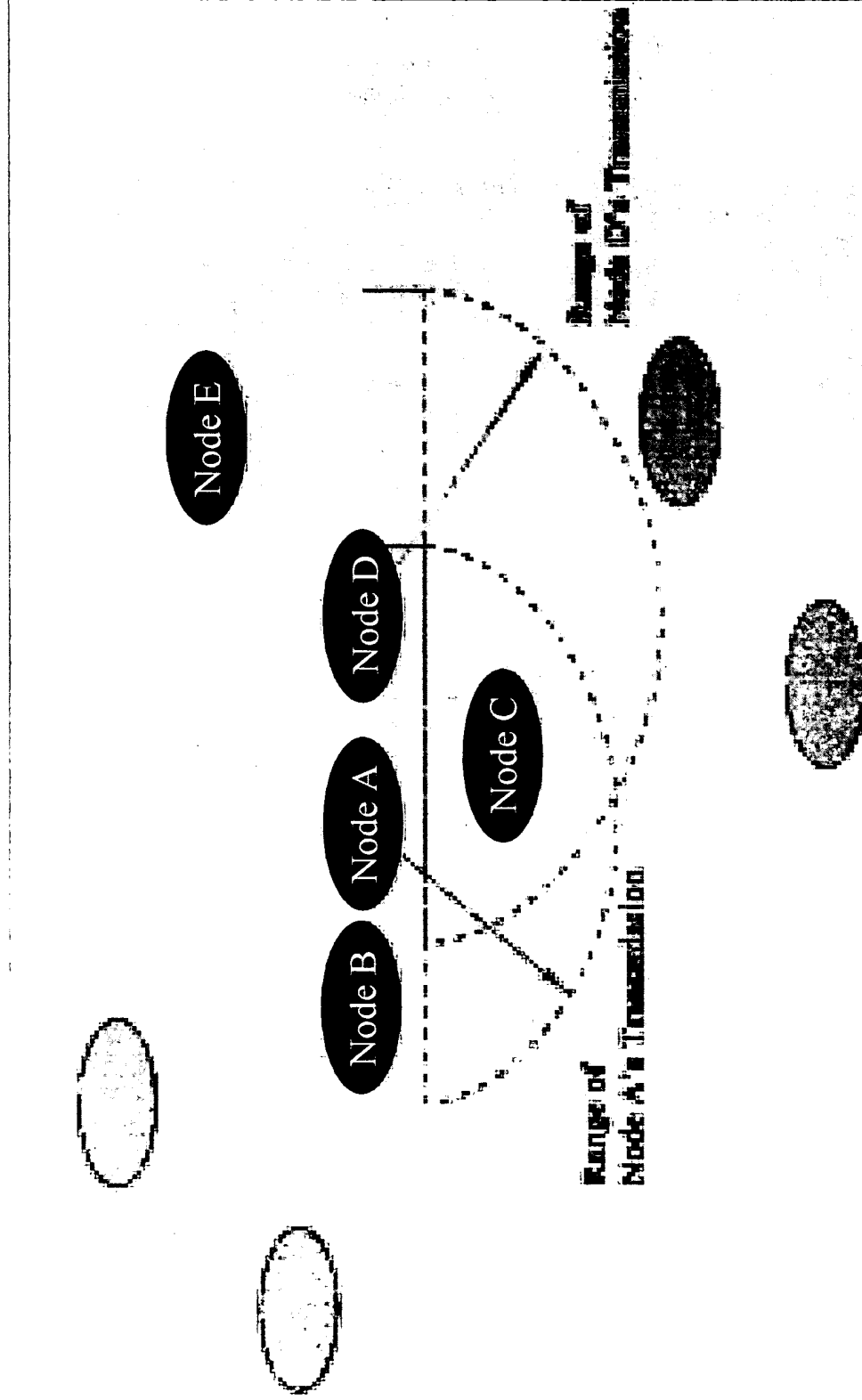


FIG. 1

Node ID	Neighbor ID	Transmit Power Level
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FIG. 2: Signaling Packet Format

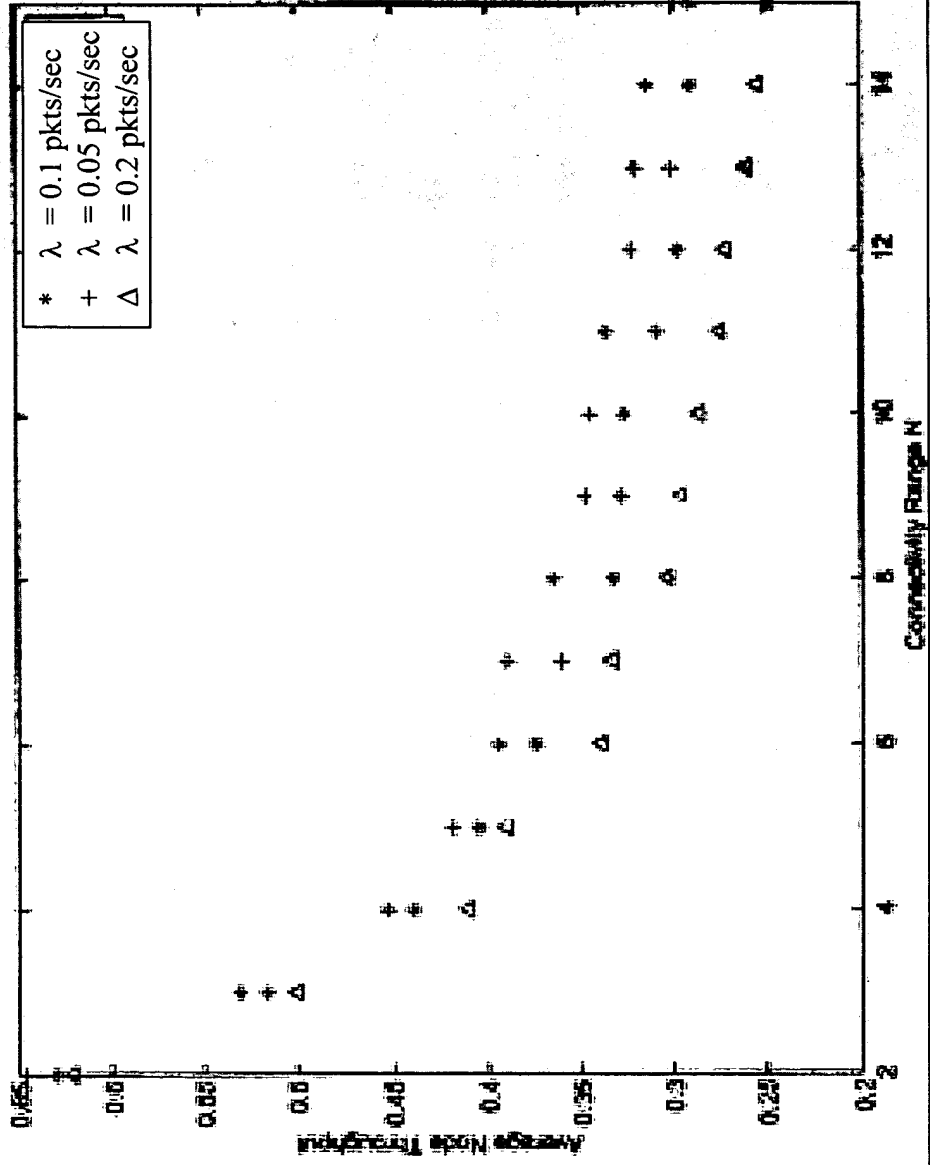
Source ID	Destination ID	Current Node ID
Next Node ID	# of Re-Transmissions	Payload

FIG 3: Data Packet Format

Node ID	Neighbor ID	Transmit Power Level
A	B	$P_1$
A	C	$P_1$
A	D	$P_1$
B	A	$P_2$
B	C	$P_2$
B	E	$P_2$

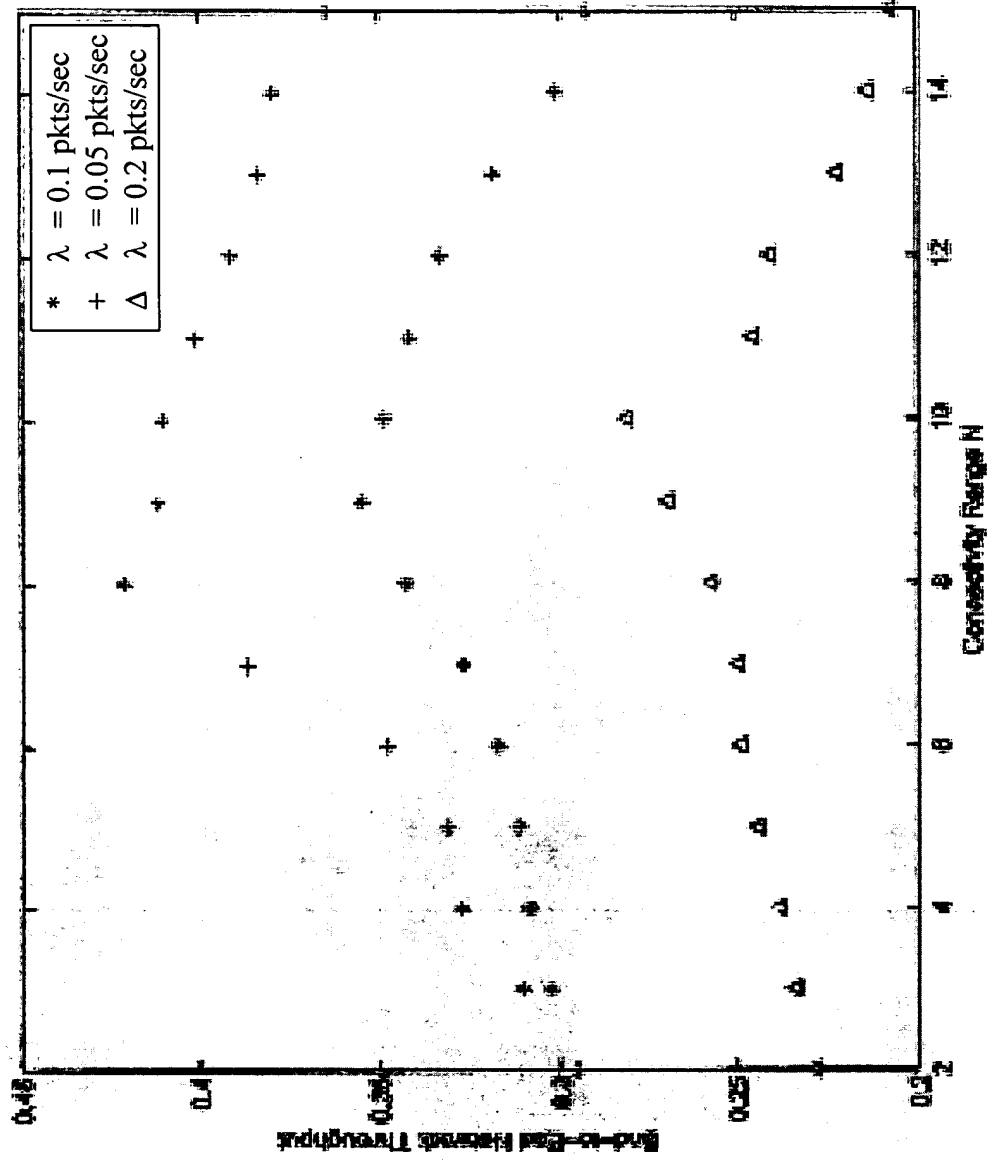
Connectivity Table Format

FIG 4



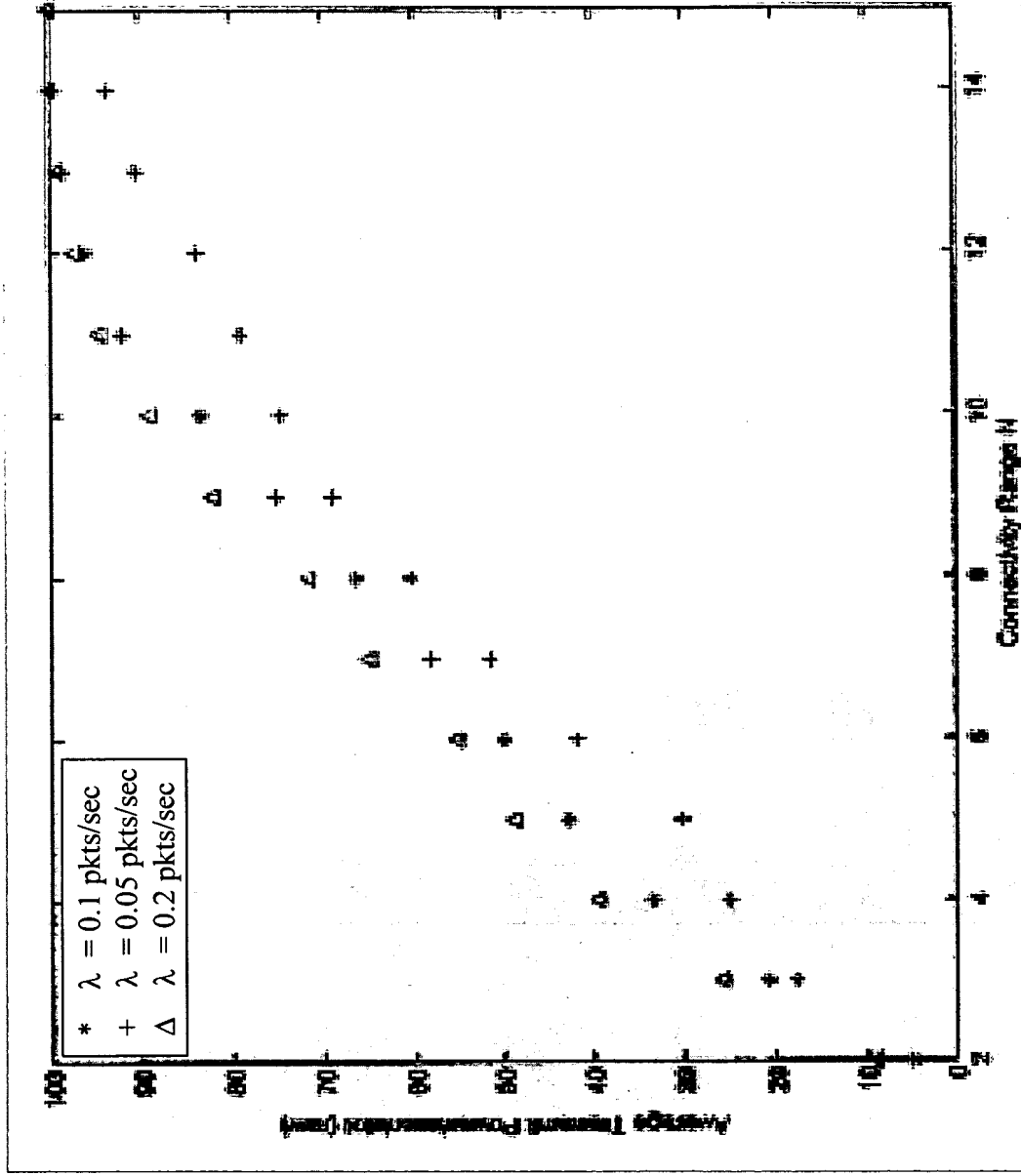
Average Node Throughput v. Connectivity Range N

FIG 5



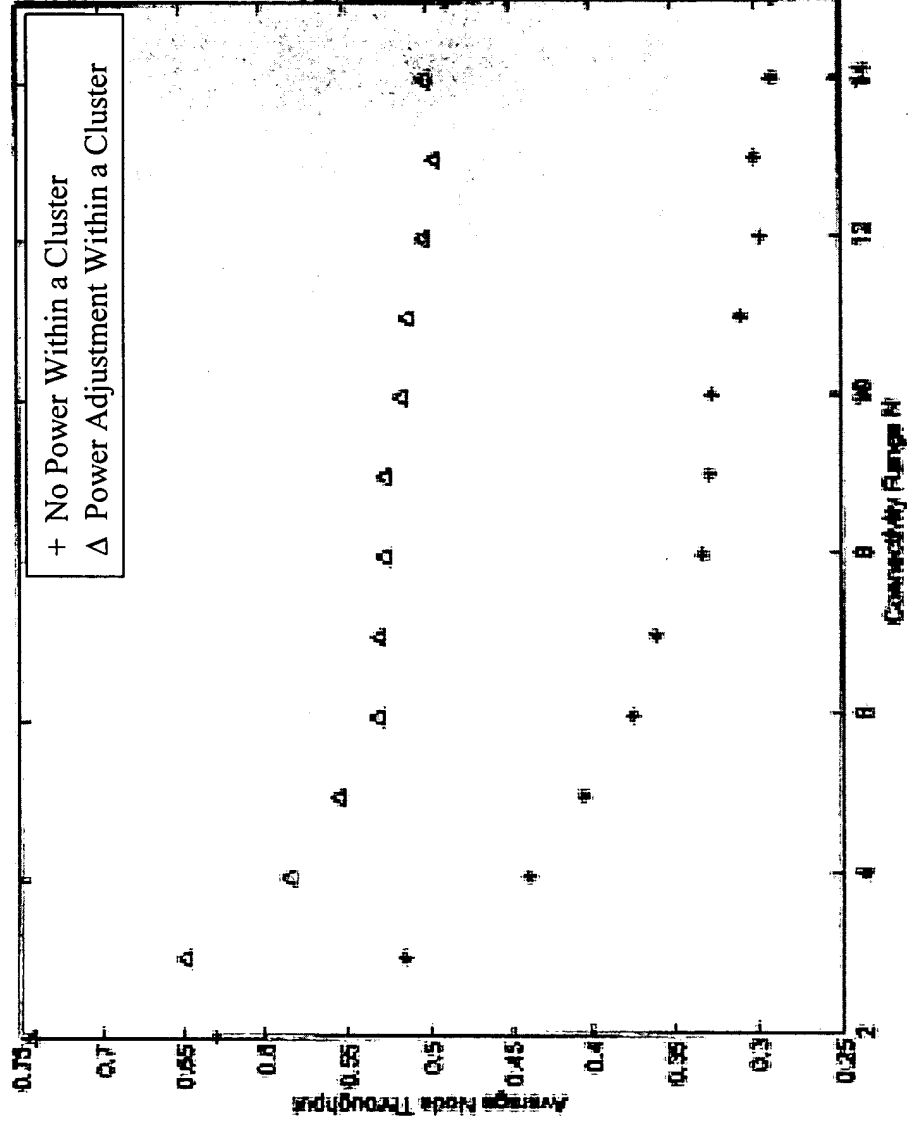
End-to-End Network Throughput v. Connectivity Range N

FIG 6



Average Power Consumption (mW) v. Connectivity Range N

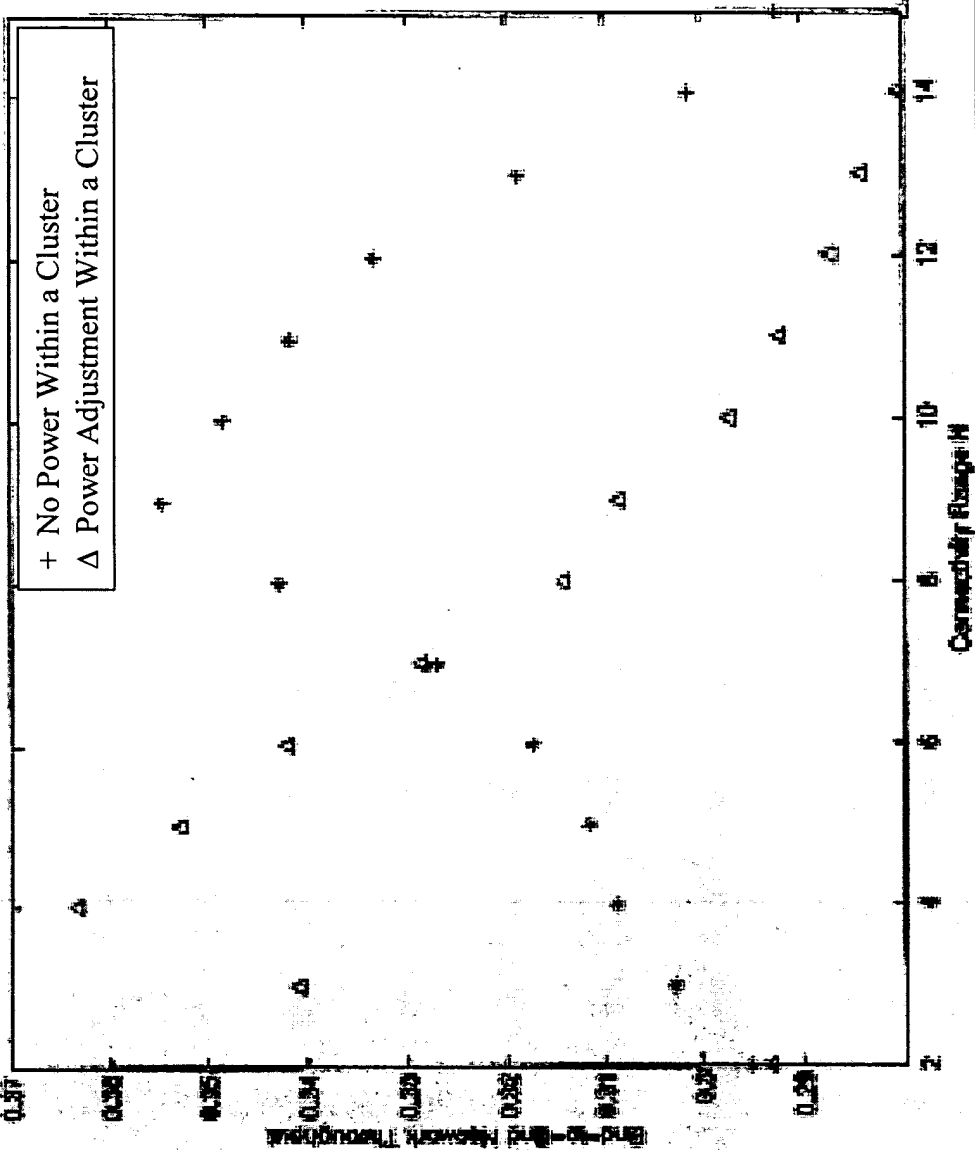
FIG 7



Average Node Throughput v. Connectivity Range

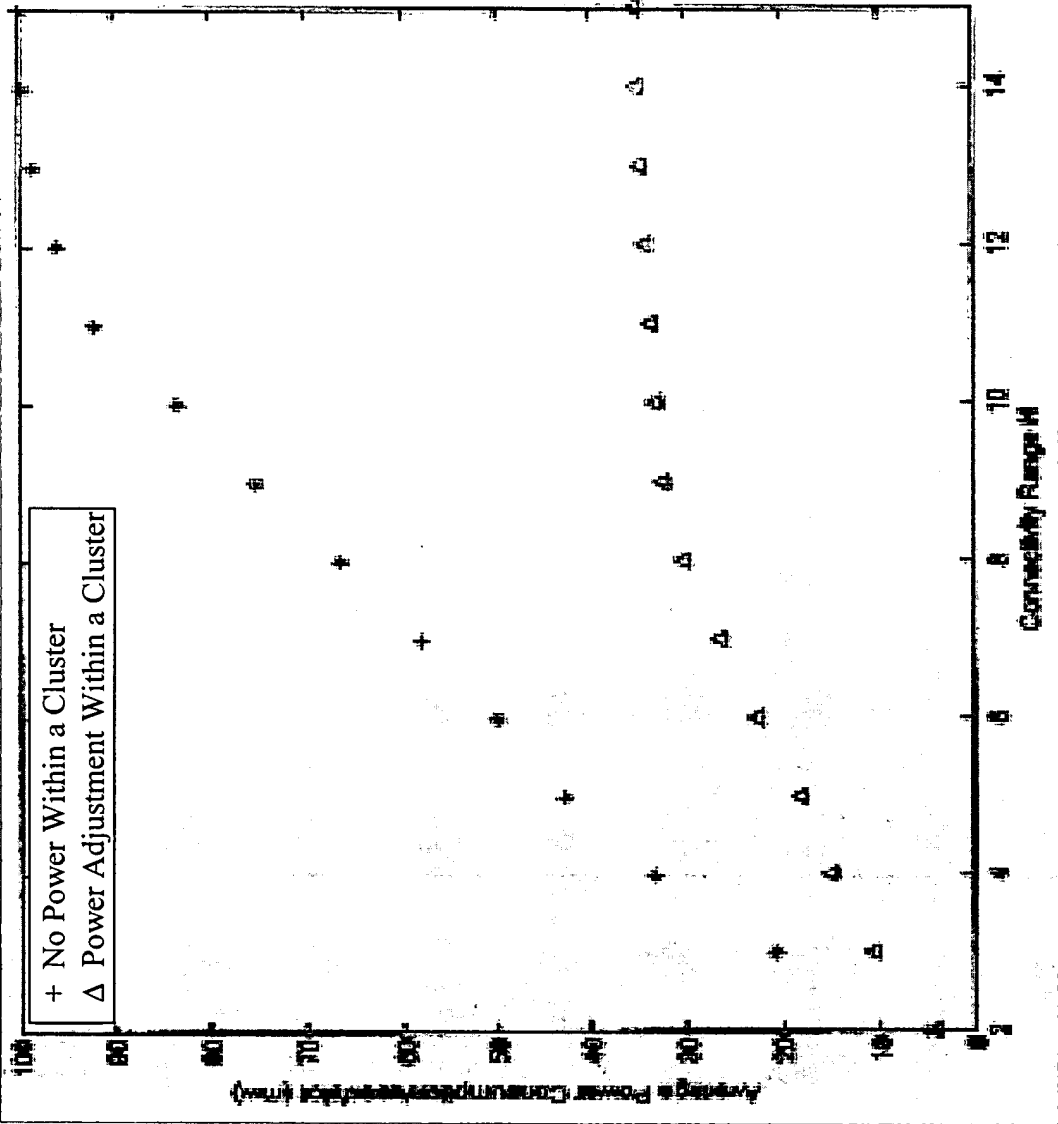
FIG 8





End-to-End Network Throughput v. Connectivity Range N

FIG 9



Average Power Consumption v. Connectivity Range

FIG 10